

AMENDMENT OF THE CLAIMS

The listing of claims below replace all prior versions, and listings, of claims:

1 1. (Cancelled)

1 2. (Previously Presented) An apparatus for use in a wellbore, comprising:  
2 an element formed of a superplastic material to perform a predetermined  
3 downhole task; and  
4 a component including a seal engageable with the element.

1 3. (Previously Presented) An apparatus for use in a wellbore, comprising:  
2 an element formed of a superplastic material to perform a predetermined  
3 downhole task; and  
4 a component including an anchor actuatable by the element.

1 4. (Cancelled)

1 5. (Previously Presented) An apparatus for use in a wellbore, comprising:  
2 an element formed of a superplastic material to perform a predetermined  
3 downhole task,  
4 wherein the element includes a sand screen.

1 6. (Previously Presented) An apparatus for use in a wellbore, comprising:  
2 an element formed of a superplastic material to perform a predetermined  
3 downhole task; and  
4 a shock absorber including the element.

1 7. (Previously Presented) An apparatus for use in a wellbore, comprising:  
2 an element formed of a superplastic material to perform a predetermined  
3 downhole task; and  
4 a releasable connector mechanism including the element.

1           8.       (Previously Presented) An apparatus for use in a wellbore, comprising:  
2                    an element formed of a superplastic material to perform a predetermined  
3 downhole task; and  
4                    an explosive component including the element.

1           9.       (Original) The apparatus of claim 8, wherein the explosive component  
2 includes a shaped charge.

1           10.      (Previously Presented) An apparatus for use in a wellbore, comprising:  
2                    an element formed of a superplastic material to perform a predetermined  
3 downhole task; and  
4                    a weak point connector including the element.

CI 1           11.      (Previously Presented) An apparatus for use in a wellbore, comprising:  
2                    an element formed of a superplastic material to perform a predetermined  
3 downhole task; and  
4                    a heating device to heat the element to a temperature sufficient to cause  
5 the element to exhibit superplastic behavior.

1           12. - 26 (Cancelled)

1           27.      (Previously Presented) The apparatus of claim 2, wherein the element is  
2 adapted to translate the seal into engagement with a downhole structure.

1           28.      (Previously Presented) The apparatus of claim 27, comprising a packer.

1           29.      (Previously Presented) The apparatus of claim 27, comprising a patch.

1           30.      (Previously Presented) The apparatus of claim 27, further comprising a  
2 heating device to heat the superplastic material to a temperature such that the element  
3 exhibits superplastic behavior.

1           31.   (Previously Presented) The apparatus of claim 30, further comprising a  
2 piston adapted to cause translation of the element.

1           32.   (Previously Presented) The apparatus of claim 30, wherein the heating  
2 device comprises a propellant.

1           33.   (Previously Presented) The apparatus of claim 2, further comprising a  
2 conduit, wherein the element comprises a plug to block fluid flow in a bore of the  
3 conduit.

1           34.   (Previously Presented) The apparatus of claim 33, further comprising a  
2 port to communicate fluid pressure to deform the plug inwardly to enable movement of  
3 the plug.

C1 1           35.   (Previously Presented) The apparatus of claim 3, wherein the component  
2 comprises a packer including the anchor.

1           36.   (Previously Presented) The apparatus of claim 35, wherein the packer  
2 further comprises a seal,  
3                wherein the element comprises one or more sleeves attached to the anchor  
4 and the seal, the one or more sleeves adapted to translate the anchor and seal into  
5 engagement with a downhole structure.

1           37.   (Currently Amended) ~~The apparatus of claim 4, further comprising~~ An  
2 apparatus for use in a wellbore, comprising:  
3                   an element formed of a superplastic material to perform a predetermined  
4 downhole task,  
5                   wherein the element is selected from the group consisting of a casing, a  
6 liner, a tubing, and a pipe; and

7                   a heating device to heat the element to a temperature such that the element  
8 exhibits superplastic behavior.

1           38.   (Previously Presented) The apparatus of claim 5, further comprising a  
2 heating device to heat the sand screen to a temperature such that the sand screen exhibits  
3 superplastic behavior.

1           39.   (Previously Presented) The apparatus of claim 11, wherein the heating  
2 device comprises a propellant.

1           40.   (Previously Presented) An apparatus for use in a wellbore, comprising:  
2                   an element formed of a superplastic material to perform a predetermined  
3 downhole task; and  
4                   a fishing tool for a downhole conduit structure, the fishing tool comprising  
5 the element.

cl 1           41.   (Previously Presented) The apparatus of claim 40, wherein the element is  
2 adapted to expand to engage an inner well of the conduit structure.

1           42.   (Currently Amended) An apparatus for use in a wellbore, comprising:  
2                   an element formed of a superplastic material to perform a predetermined  
3 downhole task; ~~and~~  
4                   a junction seal assembly comprising the element; and  
5                   a heating device to heat the element to a temperature such that the element  
6                   exhibits.

1           43.   (Previously Presented) The apparatus of claim 42, wherein the element  
2 comprises one of a tubing and pipe to be inserted into a lateral wellbore.

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